

REPORT NO. 79-3-28

FOREST INSECT AND DISEASE MANAGEMENT UNIT
U. S. FOREST SERVICE
DORAVILLE, GEORGIA

REPORT OF AERIAL DETECTION SURVEY

LAND OWNERSHIP OR SURVEY AREA: Oakmulgee Ranger District, ~~Talladega~~
~~National Forest~~

STATE: ~~Alabama~~

AREA WITHIN SURVEY BOUNDARY: 293,400 acres

DATE: July 18, 1979

PERCENT COVERAGE: 50%

AIRCRAFT: Cessna 182

CREW: R. F. Bassett (Aerial Survey Team) and Dwight Wallace (Oakmulgee
Ranger District)

REPORT PREPARED BY: R. F. Bassett

SURVEY OBJECTIVES: Detection of current timber mortality caused by the
southern pine beetle.

SURVEY RESULTS

A very large number of spots of dead and dying pine were observed on the
aerial survey. There were several spots estimated to be over 100 or 200
trees as well as many smaller spots (Table 1).

CONCLUSION

An outbreak of southern pine beetle has developed on the Oakmulgee Ranger
District. Populations can be expected to increase in 1979 and 1980.

For any additional information, contact

Forest Insect and Disease Management, S&PF
USFS-Southeastern Area

Northgate Office Park, Room 2103
3620 Interstate 85, N. E.
Doraville, Georgia 30340
Telephone: (404) 221-4796

or 2500 Shreveport Highway
Pineville, Louisiana 71360
Telephone (318) 445-6511

Table 1--Summary of Aerial Survey Data-Oakmulgee Ranger District, Talladega National Forest, Alabama,

July 18, 1979.^{1/}

| Ownership | Infestation Size (# Trees) | | | | | Total |
|-----------------|----------------------------|-------------|-------------|-------------|-------------|-------|
| | 6-20 | | 21-50 | | 51-100 | |
| | Spots:Trees | Spots:Trees | Spots:Trees | Spots:Trees | Spots:Trees | |
| National Forest | 20 264 | 26 1065 | 8 600 | 12 2150 | 66 4079 | |

1/ Based on flight lines two miles apart with one-half mile viewing strip on each side of aircraft.